

Attorney Docket No. Le A 36 764

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Joachim Schuhmacher, et al.

Serial No.: [to be assigned] - National Stage Filing of PCT/EP2004/008708

Title: Determination of Free Fractions

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Applicants wish to cite for the record in the above-identified application the references shown on the accompanying form(s) PTO/SB/08A-B [substitute for form 1449/PTO]. A copy of the International Search Report is also enclosed for your reference.

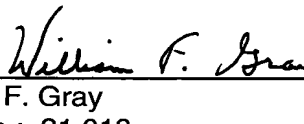
**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
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The information disclosure statement transmitted herewith is being filed concurrently with the request under 35 U.S.C. § 371(f) to begin national examination procedures.

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Applicants believe that no fees are due with this submission. However, the Commissioner is hereby authorized to charge any fees that may have been overlooked but that are required to Deposit Account 13-3372. Additionally, please credit any overpayment to the same account.

Respectfully submitted,



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Sheet	1	of	2
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Application Number	[to be assigned]
Filing Date	
First Named Inventor	Joachim Schuhmacher
Art Unit	
Examiner Name	
Attorney Docket Number	Le A 36 764

[illegible][illegible]Date  
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				Application Number	[to be assigned]
				Filing Date	
				First Named Inventor	Joachim Schuhmacher
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	Le A 36 764

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	Austin, R. P., et al., "The Influence of Nonspecific Microsomal Binding on Apparent Intrinsic Clearance, and its Prediction from Physicochemical Properties", Drug Metabolism and Disposition, 30(12): 1497-1503 (2002)	
	R2	Boyd, B. J., et al., "Using the Polymer Partitioning Method to Probe the Thermodynamic Activity of Poorly Water-Soluble Drugs Solubilized in Model Lipid Digestion Products", J. Pharm. Sci., 92(6): 1262-1271 (June 2003)	
	R3	Loidl-Stahlhofen, A., et al., "Multilamellar Liposomes and Solid-Supported Lipid Membranes (TRANSIL): Screening of Lipid-Water Partitioning toward a High-Throughput Scale", Pharm. Res., 18(12): 1782-1788 (2001)	
	R4	Loidl-Stahlhofen, A., et al., "Solid-Supported Lipid Membranes as a Tool for Determination of Membrane Affinity: High-Throughput Screening of a Physicochemical Parameter", J. Pharm. Sci., 90(5): 599-606 (2001)	
	R5	Santos, N. C., et al., "Quantifying molecular partition into model systems of biomembranes: an emphasis on optical spectroscopic methods", Biochimica et Biophysica Acta, 1612: 123-135 (2003)	
	R6	Schuhmacher, J., et al., "Determination of the Free Fraction and Relative Free Fraction of Drugs Strongly Bound to Plasma Proteins", J. Pharm. Sci., 89(8): 1008-1021 (August 2000)	
	R7	Schmitz, A. A. P., et al., "Interactions of Myristoylated Alanine-Rich C Kinase Substrate (MARCKS)-Related Protein with a Novel Solid-Supported Lipid Membrane System (TRANSIL)", Analytical Biochem., 268: 343-353 (1999)	
	R8	Poulin, P., et al., "Prediction of Pharmacokinetics Prior to In Vivo Studies. 1. Mechanism-Based Prediction of Volume of Distribution", J. Pharm. Sci., 91(1): 129-156 (January 2002)	
	R9	Veronese, M. E., et al., "Plasma Protein Binding of Amiodarone in a Patient Population: Measurement by Erythrocyte Partitioning and a Novel Glass-Binding Method", Br. J. Clin. Pharmac., 26: 721-731 (1988)	

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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